

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 119208-1217 - Front Right Wheel Hub

Sample No: LH0267396

Oil Type: LIEBHERR GEAR BASIC 90 LS



**TT & E IRON**  
 1529 WEST GARNER RD  
 GARNER, NC  
 US 27529  
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 T: (919)524-4326  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0267396	---	---	---
Sample Date	04 Jan 2024	---	---	---
Machine Hours	4478	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 157	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 2	---	---	---



#### WEAR METALS

Iron	ppm	● 158	---	---	---
Copper	ppm	● 10	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● <1	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 14	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 32	---	---	---
Phosphorus	ppm	● 1119	---	---	---
Barium	ppm	● 92	---	---	---
Boron	ppm	● 138	---	---	---

#### Diagnosis

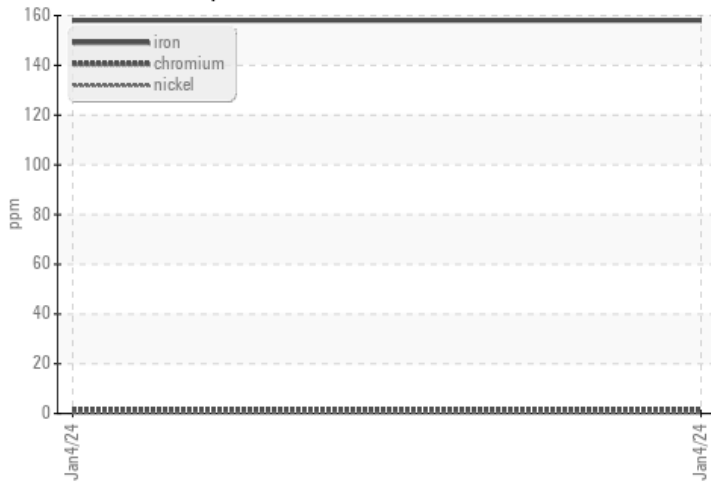
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: TTENEW  
 Unique No: 10820331  
 Signed: Jonathan Hester  
 Report Date: 10 Jan 2024

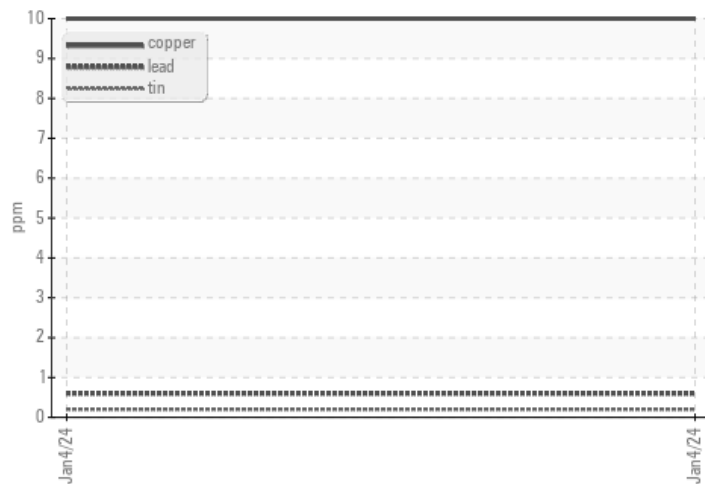


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

